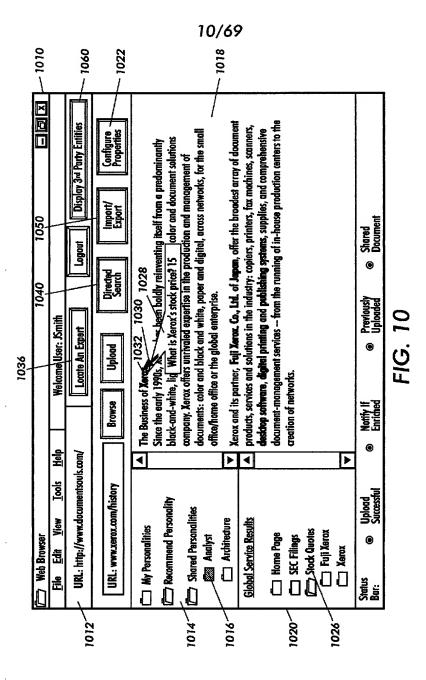


FIG. 9



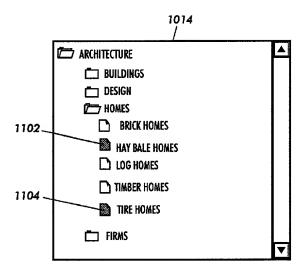


FIG. 11

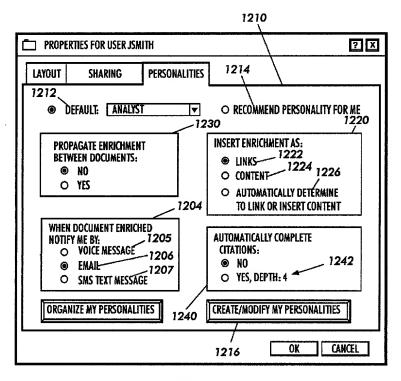
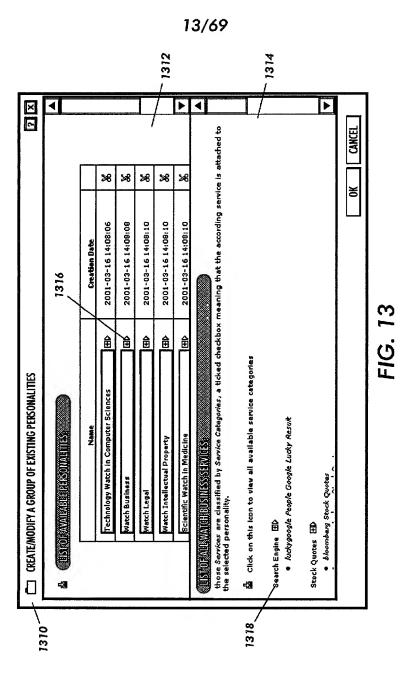
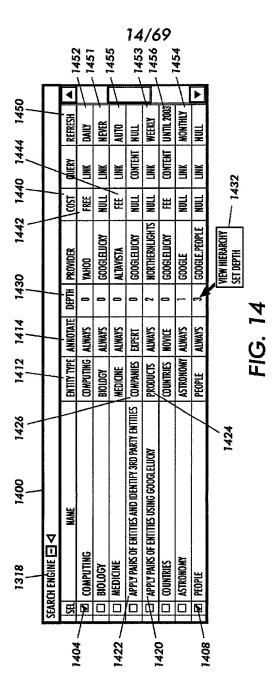


FIG. 12





	1502	
CRE	ATE/MODIFY MY PERSONALITIES	? X
NAM	AE: BROWSE 1504	
⊛	CREATE/MODIFY A GROUP OF EXISTING PERSONALITIES 15	506
0	USE SELECTED DOCUMENTS AND/OR FOLDERS TO CREATE A NEW PERSONALITY BROWSE 1509	1508
0	USE SELECTED FILE/WEBSITE TO CREATE A NEW PERSONALITY BROWSE	1510
0	CREATE QUESTION FORM USING PERSONALITY LEXICONS QUESTION:	1520
	KNOWLEDGE NOVICE	ANCEL

FIG. 15

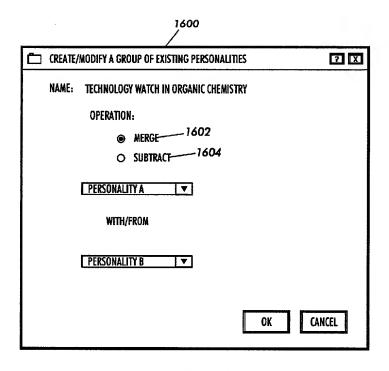


FIG. 16

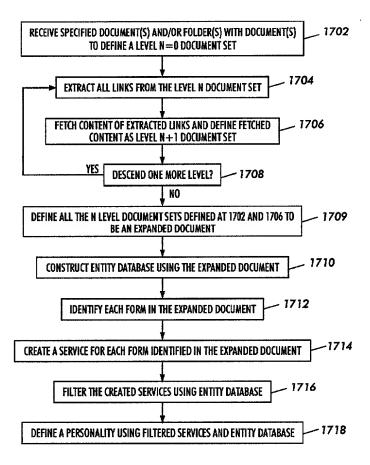
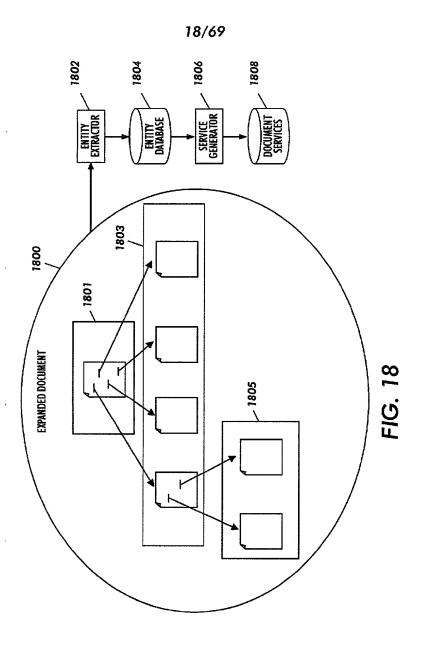


FIG. 17



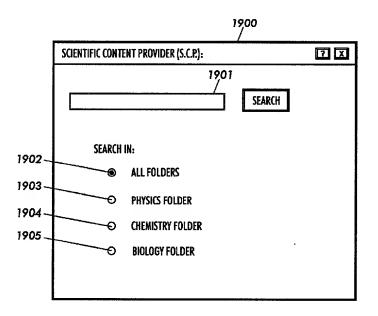


FIG. 19

15	SCIENTIFIC SEARCH □ ◀								
맺	NAME	ENTITY TYPE ANNOTATE DEPTH	ANNOTATE	DEPTH	PROVIDER	COST	QUERY	REFRESH	•
D	MIL FOLDERS RESULT OF SCIENTIFIC CONTENT PROVIDER STANDARD ALWAYS	STANDARD	ALWAYS	0	S.C.P.	FREE	CONTENT	NOLL	
ш	☐ PHYSICS RESULT OF SCIENTIFIC CONTENT PROVIDER	PHYSICS	ALWAYS	0	S.C.P.	FRE	CONTENT	NALL	
ıШ	CHEMISTRY RESULT OF SCIENTIFIC CONTENT PROVIDER	CHEMISTRY ALWAYS	ALWAYS	0	S.C.P.	FREE	CONTENT NULL	NOLE	
ш	ED BIOLOGY RESULT OF SCIENTIFIC CONTENT PROVIDER	BIOLOGY	ALWAYS	0	S.C.P.	FREE	CONTENT NULL	NOLL	À
	2002	/ 2004							
		ū	FIG 20	Ç					

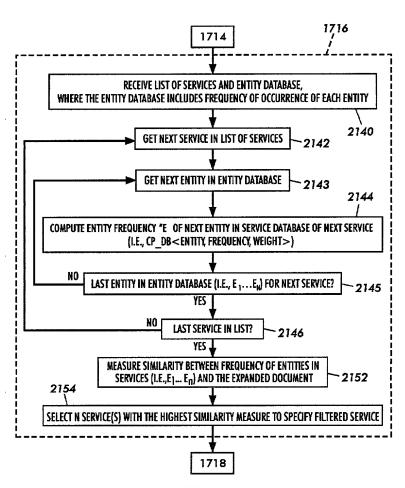


FIG. 21

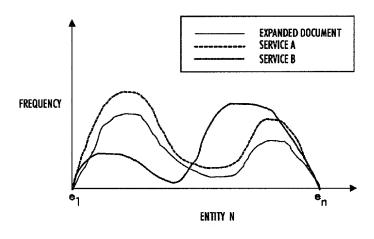


FIG. 22

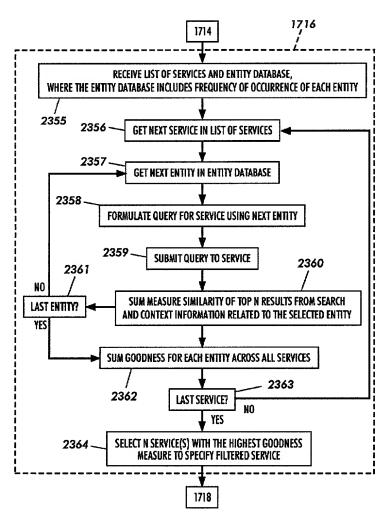


FIG. 23

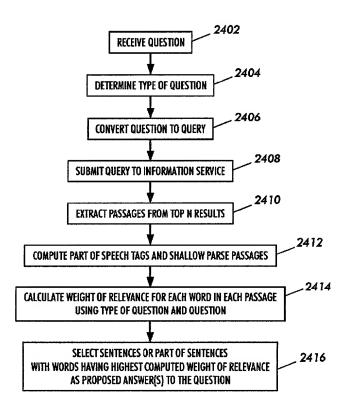


FIG. 24

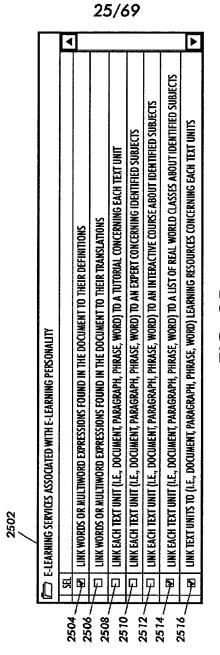
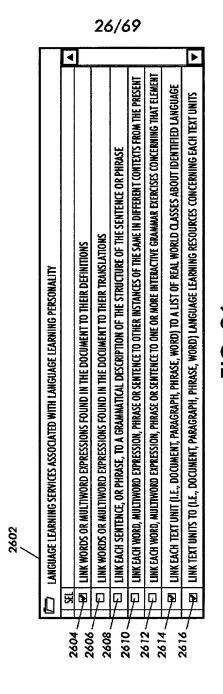


FIG. 25



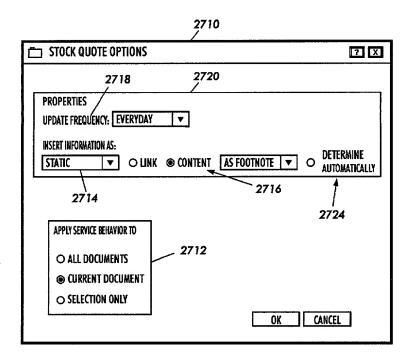
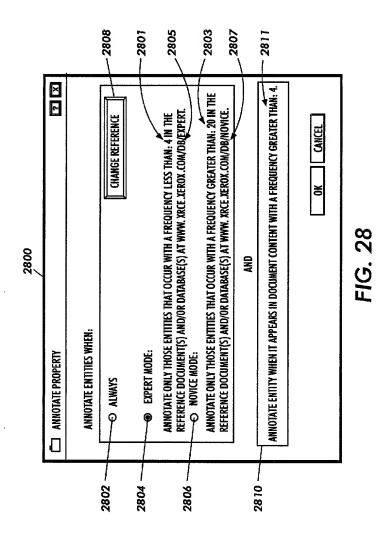


FIG. 27





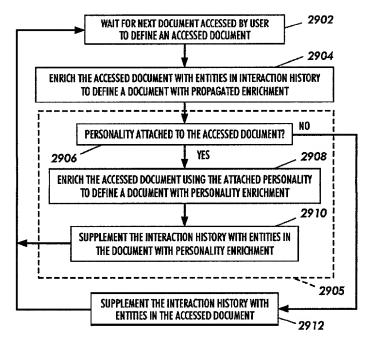
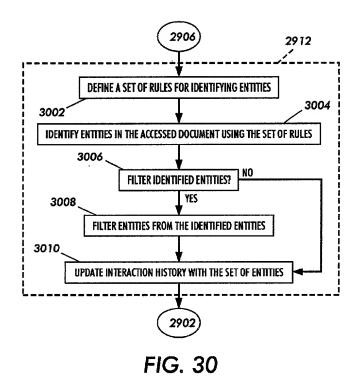
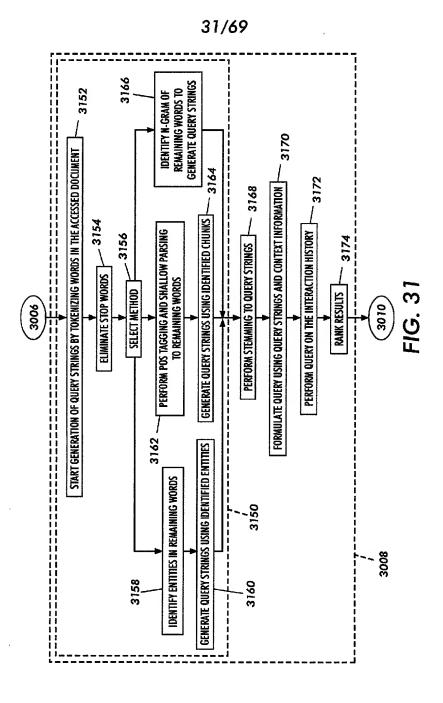
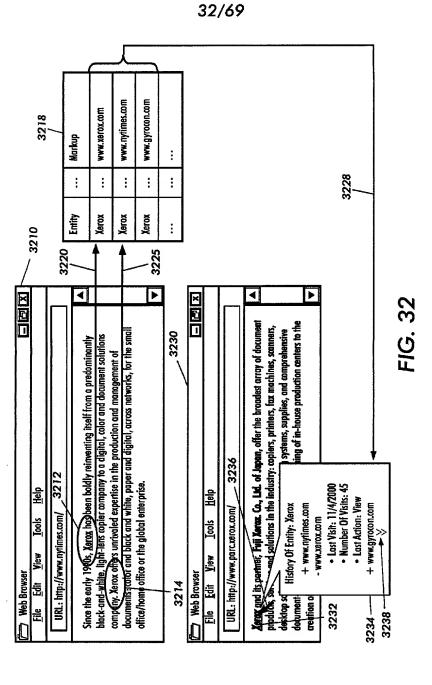


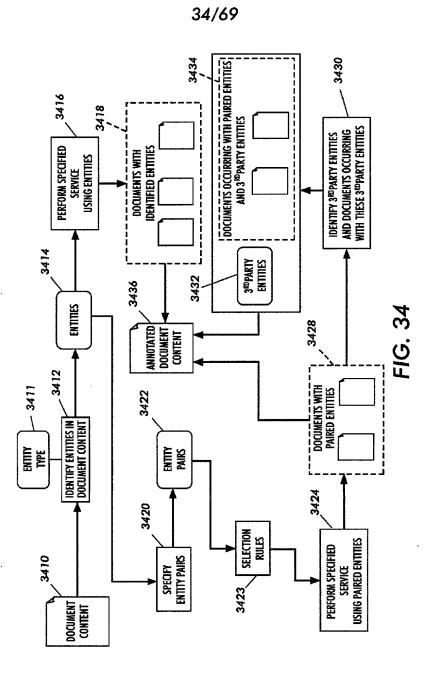
FIG. 29

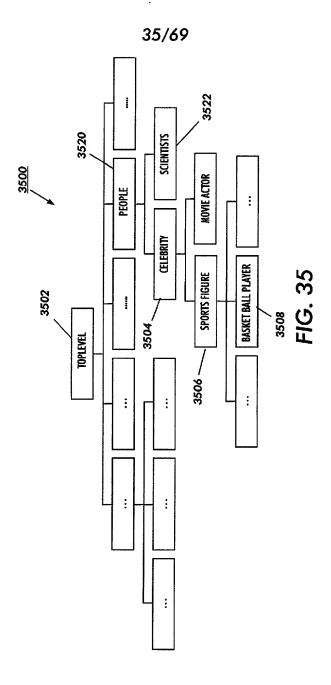


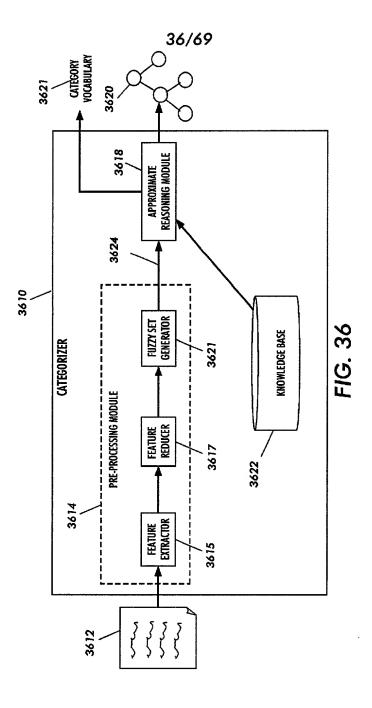


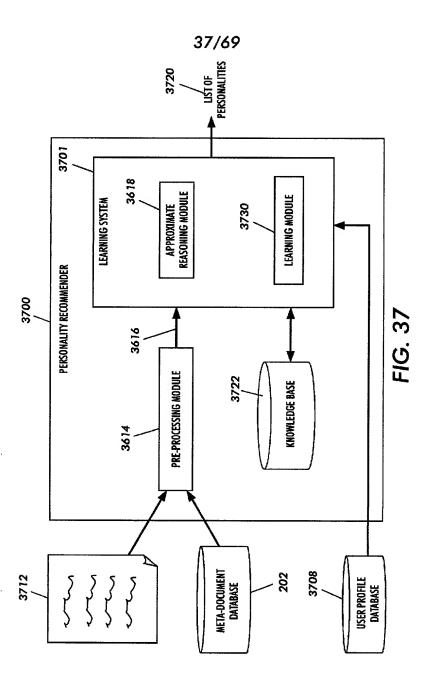


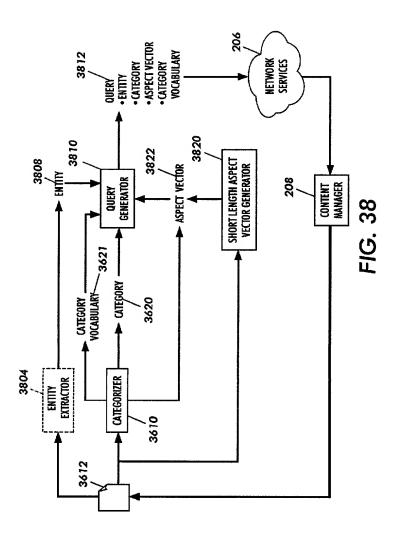
					3218			
ENTITY	ENTITY TYPE VISITS LAST VISIT	VISITS	LAST VISIT	ACTION LIST	DM0Z Category	LOCATION POS	SOd	MARKUP
XEROX	BUSINESS	45	11/4/2000	VIEW (43), PRINT(2)	SCINESC	40	NOON	NOUN WWW.XEROX.COM
XEROX	BUSINESS	l	5/1/2001	VIEW(1)	FINANCE	689	NON	WWW.NYTIMES.COM
XEROX	BUSINESS	4	2/22/2001	EMAIL(1), VIEW(3)	COMPUTER	343	NOON	NOUN WWW.GYROCON.COM
;	•••	::	•••	:		:	•••	•

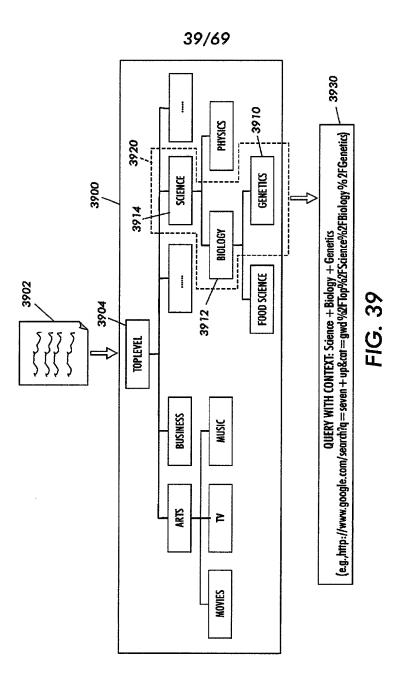


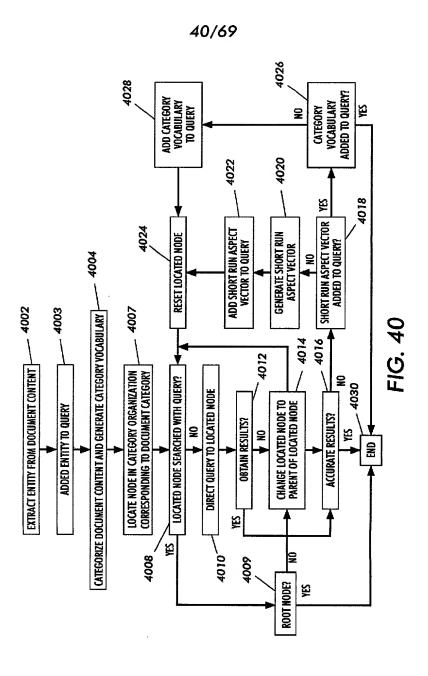


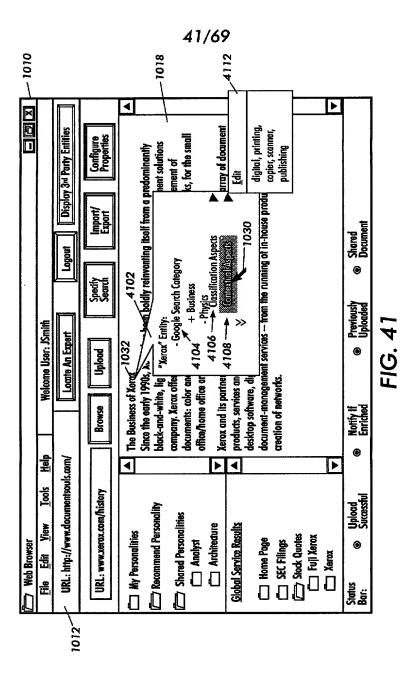


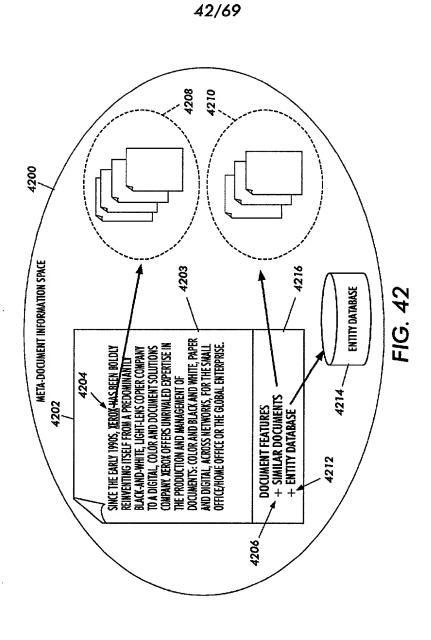




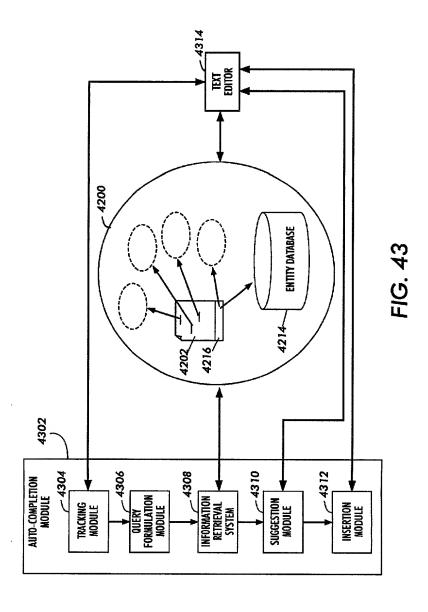


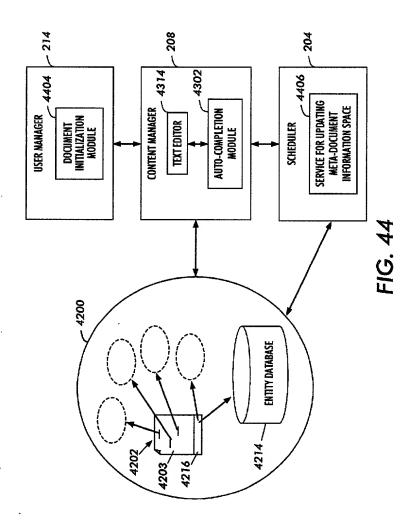


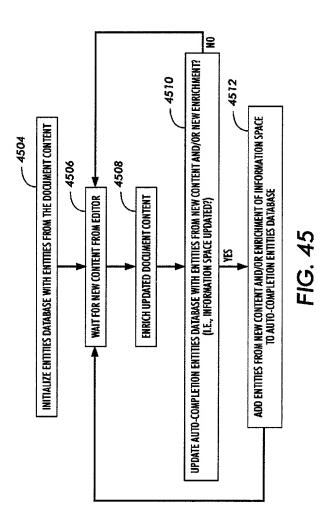












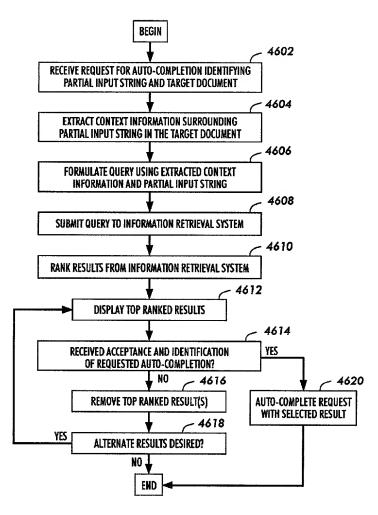
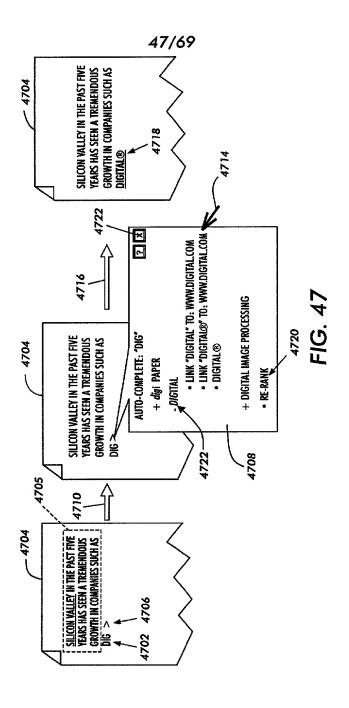
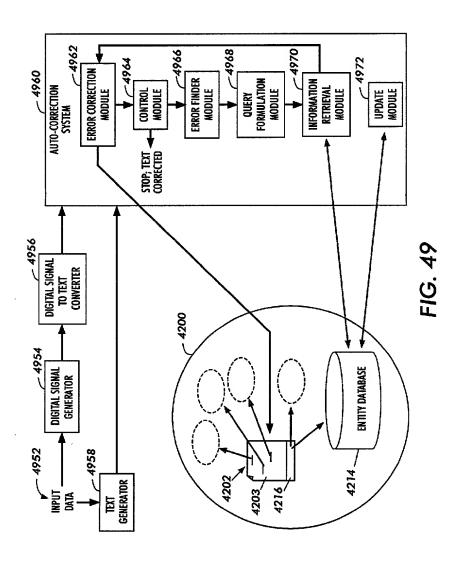
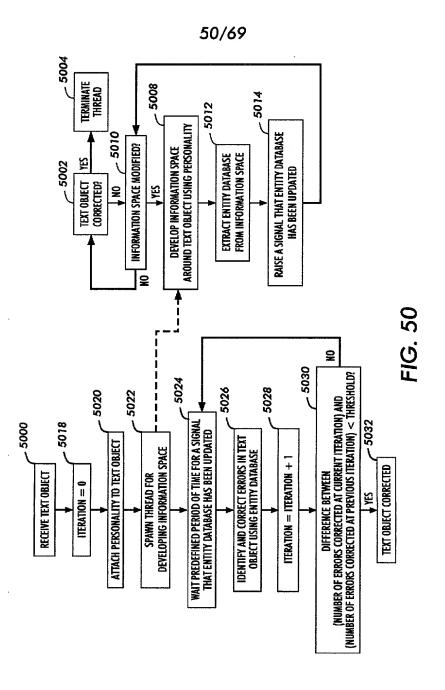


FIG. 46









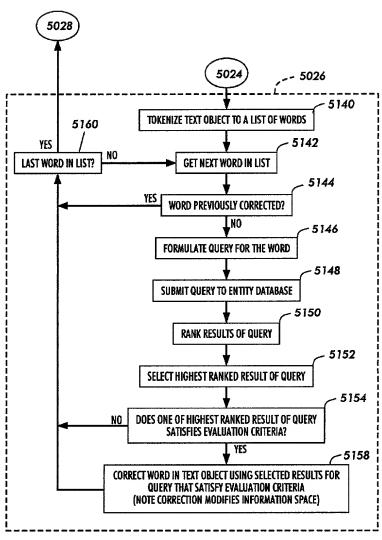
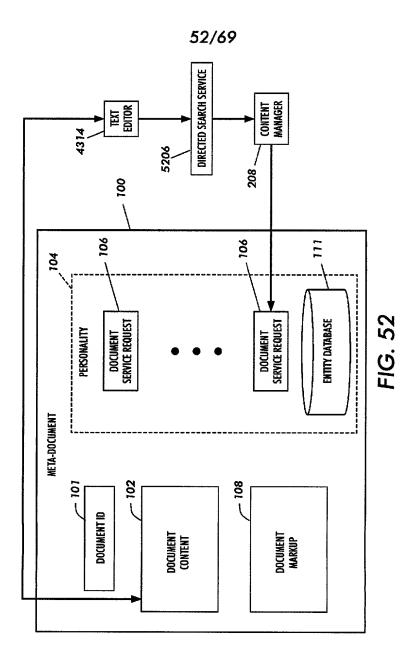


FIG. 51



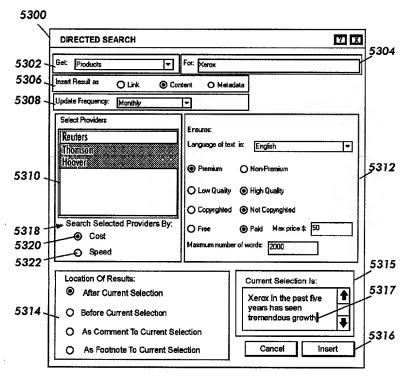


FIG. 53

quality='Premium&High&Not-copyrighted&paid' cprovider name='Thomson' id=18>/provider> cprovider name='Reuters' id=19>/provider> 5400 <offsets>13 18 456 461 710 715</offsets> insert='Content' maxwords='2000' search='cost'> maxprice='50' <service id='Products' language='En' refresh=30 <entity>Xerox </entity> </service>

FIG. 54

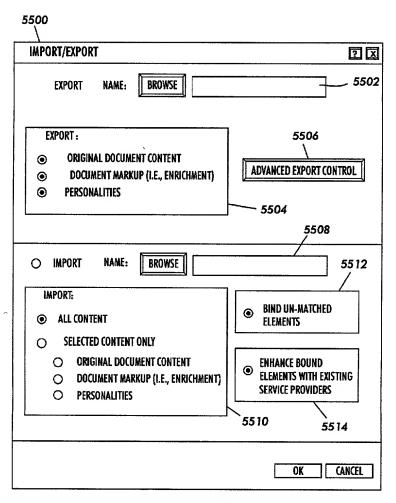


FIG. 55

```
<docsouls:browsingdoc format="HTML">browse.html</docsouls:browsingdoc>
                                                                                                                                                                                                                                                                                                        <docsouls:originaldoc format="HTML">toto.html</docsouls:originaldoc>
                            <docsouls:serverid> DS v1.0 server name </docsouls:serverid>
                                                                                                                                                                                                                                                                                                                                                                                                                           <!- LIST OF PERSONALITIES AND DOCUMENT SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <docsouls:personality id = " " name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:service id="" name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         <docsouls:provider name="" etc.>
                                                                                                             <docsouls:docid> xxx </docsouls:docid>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <docsouls:provider name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <docsouls:provider name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <docsouls:service id="" name="" etc.>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <docsouls:provider name=""</pre>
                                                                                                                                                  <docsouls:name> xxx </docsouls:name>
                                                                                                                                                                                                                                                                     <!-- ORIGINAL DOCUMENTS DOCUMENT CONTENT>
                                                                                                                                                                                             <docsouls:owner> xxx </docsouls:owner>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <!-- LIST OF SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <!-- LIST OF PERSONALITIES>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   </docsouls:endowmentdescription>
                                                                       <!- PROPERTIES OF DOCUMENT>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:endowmentdescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          </docsouls:service>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <docsouls:personality>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     </docsouls:service>
<!- SERVER ID>
```

FIG. 56

```
<docsouls:servicestatus status="mapped" originalid="" originalserver=""><</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <!-- list ServerId if the service was not available on current server>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <!-- list all fields (e.g., "refresh period", category, etc.)>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <!-- list status of services (original, frozen, mapped, etc.)>
                                                                                                                          <!-- all the fields AND service categories>
                                                                                                                                                                       <docsouls:servicecategory id="" name = "">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:serverid>id</docsouls:serverid>
                                                                                                                                                                                                                                                                                                                                                                                                                                         <!- DESCRIPTION OF DOCUMENT SERVICE REQUESTS>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              <docsouls:provider id="" name = "">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <!- NEXT SERVICE REQUESTS DESCRIPTION>
                                                                                          <docsouls:id> xx </docsouls:id>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <docsouls:id> xx </docsouls:id>
                                                                                                                                                                                                                    </docsouls: personalitydescription>
<!- DESCRIPTIONS OF PERSONALITIES>
                                         <docsouls:personalitydescription>
                                                                                                                                                                                                                                                                                                            <!- NEXT PERSONALITY DESCRIPTION>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    </docsouls:servicedescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     <!-- list all strategies>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <docsouls:servicedescription>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    <!-- list all providers>
```

FIG. 57

<!- OTHER RESULTS (E.G. KEYWORDS, CATEGORIES, ETC. > <docsouls:content> xxx </docsouls:content> <!-- all the fields e.g. key, URL, etc.> <docsouls:link> xxx </docsouls:link> <!-- all the fields, e.g. category> <docsouls:globalservice id="Summary"> <docsouls:id> xx </docsouls:id> <docsouls:id> xx </docsouls:id> <docsouls:id> xx </docsouls:id> </docsouls: providerdescription > </docsouls:dictionarydescription> <!- RESULTS OF GLOBAL SERVICES > <docsouls:dictionarydescription> <!- DESCRIPTION OF DICTIONARIES> </docsouls:strategydescription> <docsouls:providerdescription> <docsouls:strategydescription> <!-all the dictionaries> <!- DESCRIPTION OF STRATEGY> <!- DESCRIPTION OF PROVIDERS </docsouls:globalservice> <!-all the fields>

```
<!-- LIST OF OFFSETS WHERE ENTITY IS FOUND IN TEXT RELATIVE TO SECTION >
<docsouls:offsets start=35 end=40 />
<!- (OPTIONAL) DESCRIPTION OF ENRICHMENT PERFORMED AT OTHER DOCUMENT ENRICHMENT</p>
                                                                                                                          <docsouls:personalitydescription>...</docsouls: personalitydescription>
                                                                                                                                                             <docsouls:servicedescription>...docsouls:servicedescription>
                                                                                                                                                                                                                                       (OPTIONAL) LIST OF RESULTS OF THE LAST ENRICHMENT>
<!- IDENTIFY DOCUMENT SECTION IN CASE OF MULTI-PART DOC>
<docsouls:docpart>main frame.html</docsouls:docpart>
<!- OFFSET WHEN ENRICHMENT APPLIES TO A SECTION>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 <docsouls:normform>Xerox</docsouls:normform>
                                                                                                                                                                                                                                                                                                                                                                                                                                                         < :- STATUS OF SERVICE APPLIED ("ACTIVE" OR "FROZEN") >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       <docsouls:content> xxx </docsouls:content>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <docsouls:service id="StockQuote" status="active">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <docsouls:offsets start=232 end=237 />
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <docsouls:strat> xxx </docsouls:strat>
                                                                                <docsouls:serverid>olderServerId</docsouls:serverid>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <docsouls:dict> xxx </docsouls:dict>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <docsouls:link> xxx </docsouls:link>
                                                                                                                                                                                                                                                                                                                                                                                                            <docsouls:offset> 0 200 </docsouls:offset>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                <!-- CONTENT INFORMATION</pre>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   < |-- LINK INFORMATION >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <!-- NORMALIZED FORM >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <!-- DICTIONARIES >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   <!-- STRATEGIES >
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <docsouls:entity>Xerox
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             </docsouls:entity>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            </docsouls:service>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          <!-- ENTITY>
                                                                                                                                                                                                                                                 <u>!</u>
```

FIG. 58E

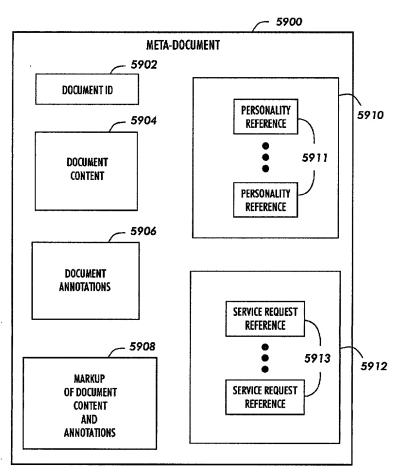


FIG. 59

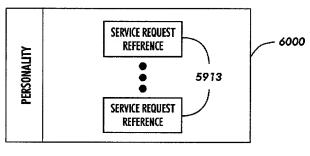


FIG. 60

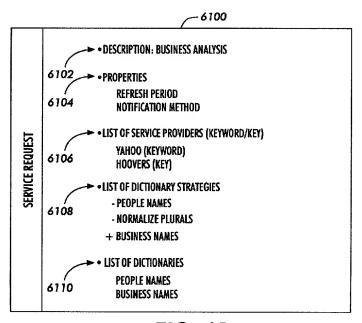
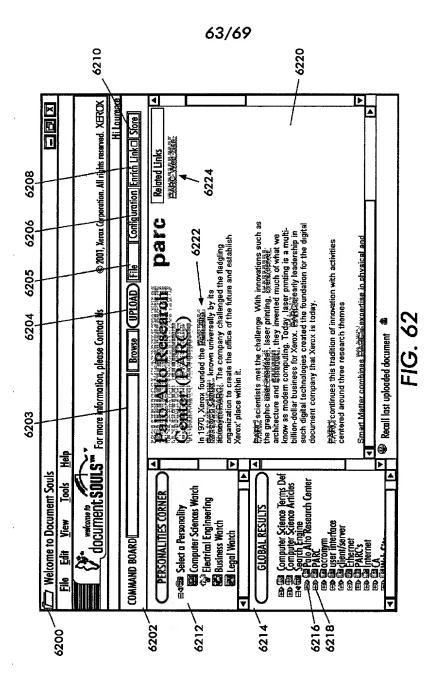


FIG. 61



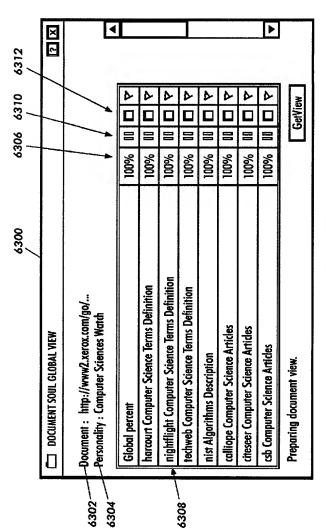
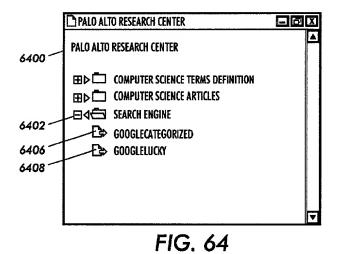
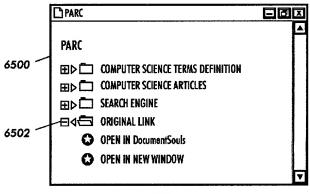


FIG. 63





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